

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5117579	light illumination led laser source (radiation adj beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/02 08:37
S2	3833917	transport move convey roller conveyer belt	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/02 08:37
S3	2145833	sensor detector receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/02 08:48
S4	31336	charge near (store storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/26 08:24
S5	1879	(S1 same S4) and S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/02 08:38
S6	3518738	fruit vegetable produce plant (corn tomato potato carrot rice squash apple orange pear)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 11:35
S7	106	S5 and S6.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/02 08:40
S8	42674	(fruit vegetable).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/02 08:46
S9	5339423	sense sensor detect detector evaluate determine receive	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/02 08:49

## EAST Search History

S10	128307	S9 near (quality evaluate type consistency spoil spoiled rotten)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/28 13:20
S11	108	S8 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/06 07:50
S12	23	(US-20060118726-\$).did. or (US-4139766-\$ or US-5528043-\$ or US-6693274-\$ or US-5822068-\$ or US-5729473-\$ or US-5121635-\$ or US-5315879-\$ or US-5738755-\$ or US-6334092-\$ or US-5085325-\$ or US-6374983-\$ or US-6512577-\$ or US-3930995-\$).did. or (JP-2004275148-\$ or JP-08192117-\$ or JP-2004163369-\$ or JP-01301147-\$ or JP-2002090304-\$ or JP-2004020470-\$ or JP-04140647-\$ or JP-2003175368-\$ or JP-08035824-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/02 10:53
S13	4	S12 and S4	US-PGPUB; USPAT; JPO	OR	ON	2006/11/02 10:53
S14	406	charge near (store storage) near (discharge expend)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/06 08:27
S15	5339419	sense sensor detect detector evaluate determine receive	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/06 08:27
S16	321	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/06 08:27
S17	128306	S15 near (quality evaluate type consistency spoil spoiled rotten)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/06 08:27

## EAST Search History

S18	20	S14 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/06 08:28
S19	25	(US-20060118726-\$).did. or (US-5729473-\$ or US-6374983-\$ or US-6693274-\$ or US-6512577-\$ or US-5085325-\$ or US-4139766-\$ or US-5528043-\$ or US-3930995-\$ or US-5315879-\$ or US-5822068-\$ or US-6334092-\$ or US-5121635-\$ or US-5738755-\$ or US-6760405-\$ or US-5889883-\$).did. or (JP-01301147-\$ or JP-2003175368-\$ or JP-08192117-\$ or JP-2004020470-\$ or JP-2002090304-\$ or JP-04140647-\$ or JP-08035824-\$ or JP-2004163369-\$ or JP-2004275148-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/06 09:01
S20	6	S19 and (charge adj (store storage))	US-PGPUB; USPAT; JPO	OR	ON	2006/11/06 09:01
S21	683966	fruit vegetable (corn tomato potato carrot rice squash apple orange pear)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 11:36
S22	5447853	sense sensor detect detector evaluate determine receive	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 11:36
S23	799164	S22 with (quality evaluate type consistency spoil spoiled rotten).	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 13:11
S24	6001	S21 same S23	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 11:37
S25	414	charge near (store storage) near (discharge expend)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 11:39

## EAST Search History

S26	1	S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 11:39
S27	93	S22 same S25	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 12:13
S29	379	S24.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 12:30
S30	91128	S21.ab. not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 13:10
S31	7620	(S21 with (quality evaluate type consistency spoil spoiled rotten)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/15 13:11
S32	683966	fruit vegetable (corn tomato potato carrot rice squash apple orange pear)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/16 05:33
S33	5447853	sense sensor detect detector evaluate determine receive	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/16 07:47
S34	799164	S33 with (quality evaluate type consistency spoil spoiled rotten)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/16 05:33
S35	6001	S32 same S34	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/16 05:33
S36	379	S35.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/16 07:07

## EAST Search History

S37	91128	S32.ab. not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/26 06:40
S38	0	S36 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/16 07:05
S39	414	charge near (store storage) near (discharge expend)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/16 07:08
S40	3871907	sense sensor detect detector evaluate determine	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/16 07:48
S41	68	S40.ab. and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/16 07:49
S42	1	("4828387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/02/26 06:41

## EAST Search History

S43	41	(US-20060118726-\$ or US-20010032807-\$ or US-20050254694-\$ or US-20030218116-\$).did. or (US-7016043-\$ or US-6754600-\$ or US-6643599-\$ or US-5238121-\$ or US-5197585-\$ or US-4806764-\$ or US-4281933-\$ or US-3930994-\$ or US-6819781-\$ or US-6809309-\$ or US-6760405-\$ or US-5889883-\$ or US-4101763-\$ or US-6693274-\$ or US-6374983-\$ or US-4628461-\$ or US-5738755-\$ or US-5729473-\$ or US-5315879-\$ or US-6334092-\$ or US-6512577-\$ or US-5085325-\$ or US-5822068-\$ or US-5121635-\$ or US-3930995-\$ or US-5528043-\$). did. or (US-4139766-\$ or US-4828387-\$).did. or (JP-2004275148-\$ or JP-2004163369-\$ or JP-2004020470-\$ or JP-2003175368-\$ or JP-2002090304-\$ or JP-08192117-\$ or JP-08035824-\$ or JP-04140647-\$ or JP-01301147-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/02/26 08:24
S44	32413	charge near (store storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/26 08:24
S45	12	S43 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/26 08:24
S46	2	(("5980183") or ("6579052")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/02/27 10:52

## EAST Search History

S47	41	(US-20060118726-\$ or US-20050254694-\$ or US-20030218116-\$ or US-20010032807-\$).did. or (US-6809309-\$ or US-5197585-\$ or US-6643599-\$ or US-6512577-\$ or US-6374983-\$ or US-6334092-\$ or US-6693274-\$ or US-4628461-\$ or US-5238121-\$ or US-5528043-\$ or US-4101763-\$ or US-5121635-\$ or US-5085325-\$ or US-4139766-\$ or US-3930994-\$ or US-4281933-\$ or US-4806764-\$ or US-3930995-\$ or US-6760405-\$ or US-5315879-\$ or US-7016043-\$ or US-6754600-\$ or US-5889883-\$ or US-5822068-\$ or US-5738755-\$ or US-5729473-\$). did. or (US-6819781-\$ or US-4828387-\$).did. or (JP-2002090304-\$ or JP-2004275148-\$ or JP-2004163369-\$ or JP-2004020470-\$ or JP-2003175368-\$ or JP-08192117-\$ or JP-04140647-\$ or JP-01301147-\$ or JP-08035824-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/02/28 13:03
S48	247605	(many several multiple plurality) with (sensor photo\$1sensor detector photo\$1detector)	US-PGPUB; USPAT; JPO	OR	ON	2007/02/28 13:19
S49	13952	wave\$1length with (calibrate calibration reset zero)	US-PGPUB; USPAT; JPO	OR	ON	2007/02/28 13:28
S50	5456927	sense sensor detect detector evaluate determine receive	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/28 13:21
S51	801423	S50 with (quality evaluate type consistency spoil spoiled rotten)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/28 13:20
S52	2790	S48 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/28 13:21
S53	1420	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/28 13:22

## EAST Search History

S55	2	S47 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/28 13:22
S56	63	(calibrate calibration) same (resolution with (larger greater bigger) with (sensor photo\$1sensor detector photo\$1detector))	US-PGPUB; USPAT; JPO	OR	ON	2007/02/28 13:30
S57	10	S49 and S56	US-PGPUB; USPAT; JPO	OR	ON	2007/02/28 13:30
S58	10474	(73/627 250/358.1 356/237.1, 417-432 702/81).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/01 07:46
S59	685665	fruit vegetable (corn tomato potato carrot rice squash apple orange pear)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/01 07:46
S60	5461777	sense sensor detect detector evaluate determine receive	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/01 07:46
S61	802658	S60 with (quality evaluate type consistency spoil spoiled rotten)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/01 07:46
S62	6011	S59 same S61	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/01 07:46
S63	5798	"1" and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/01 07:46